

WHAT IS CLAIMED IS:

1. A sound recording apparatus comprising:

a microphone input terminal having right and left signal channel terminals and a ground terminal;

5 a recording section which records, in a recording medium, right and left audio signals input from the microphone input terminal;

a microphone power supply section which supplies power to a microphone connected to the microphone
10 input terminal via the right and left signal channel terminals and the ground terminal;

a detection section which detects whether or not a voltage of one of the right and left signal channel terminals is substantially equal to a ground voltage,
15 and provides a detection result; and

a control section which controls a recording operation of the recording section in accordance with the detection result.

2. The sound recording apparatus according to
20 claim 1, wherein the detection section comprises a comparator which compares the voltage of the right signal channel terminal with a predetermined threshold value, and an output voltage of the comparator is provided as the detection result.

25 3. The sound recording apparatus according to claim 1, wherein when the detection result indicates that the voltage of the right signal channel terminal

is substantially equal to that of the ground terminal, the control section controls the recording section so that only the left audio signal input from the left signal channel terminal is recorded.

5 4. The sound recording apparatus according to claim 1, wherein the recording section has right and left sound recording channels, and when the detection result indicates that the voltage of the right signal channel terminal is substantially equal to that of the
10 ground terminal, the control section controls the recording section so that the left audio signal input from the left signal channel terminal is recorded in the right sound recording channel and into the right sound recording channel.

15 5. The sound recording apparatus according to claim 1, wherein the recording section has an A/D converter which converts the right and left analog audio signals input from the microphone input terminal into digital signals, and the detection section uses
20 the A/D converter to convert the voltage of the right signal channel terminal into voltage data, and compares the voltage data with the predetermined threshold value, and thus determines whether or not the voltage of the right signal channel terminal is equal to the
25 ground voltage.